

a transformer including a primary coil and a secondary coil that are coupled to one another by magnetic induction; and

a switch that is connected to the primary coil and that controls current switching therein;

wherein a first DC output voltage for external circuitry is generated from the primary coil and a second DC output voltage for external circuitry is generated from the secondary coil.

C1
11. (Twice Amended) A converter according to Claim 10 further comprising a first rectifier and a second rectifier, wherein the primary coil is connected between an input voltage and the switch, wherein the first rectifier is connected to the primary coil to generate the first DC output voltage for external circuitry therefrom and wherein the second rectifier is connected to the secondary coil to generate the second DC output voltage for external circuitry therefrom.

Sub D2
13. (Twice Amended) A converter according to Claim 10 further comprising an inductor that is coupled across the primary coil, wherein the first DC output voltage for external circuitry is generated from the primary coil and from the inductor.

C2
14. (Twice Amended) A multiple DC output voltage DC/DC converter comprising:
a transformer including a primary coil and a secondary coil that are coupled to one another by magnetic induction;

an inductor that is coupled across the primary coil; and

a switch that is connected to the inductor and that controls current switching therein;

wherein a first DC output voltage for external circuitry is generated from the inductor and a second DC output voltage for external circuitry is generated from the secondary coil.

15. (Twice Amended) A converter according to Claim 14 further comprising a first rectifier and a second rectifier, wherein the inductor is connected between an input voltage

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and the switch, wherein the first rectifier is connected to the inductor to generate the first DC output voltage for external circuitry therefrom and wherein the second rectifier is connected to the secondary coil to generate the second DC output voltage for external circuitry therefrom.
